



Keystone Ag Digest



Cooperating with the Pennsylvania Department of Agriculture

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This publication may be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."			

Note to Survey Respondents: Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually. **Thank you** for taking the time to complete our surveys!

MILK PRODUCTION

Milk production in Pennsylvania during August 2007 totaled 893 million pounds, 2.1 percent above last August's production of 875 million pounds. The number of milk cows in the state during the month averaged 551,000 head, up 1,000 head from July but 3,000 head less than a year ago. Production per cow averaged 1,620 pounds, up 20 pounds from July and 40 pounds above the August 2006 average.

Milk production in the 23 major States during August totaled 14.3 billion pounds, up 3.6 percent from August 2006. July revised production, at 14.5 billion pounds, was up 4.0 percent from July 2006. The July revision represented an increase of 10.0 million pounds or 0.1 percent from last month's preliminary production estimate. Production per cow in the 23 major states averaged 1,721 pounds for August, 45 pounds above August 2006. The number of milk cows on farms in the 23 major States was 8.33 million head, 72,000 head more than August 2006 and 11,000 head more than July 2007.

DAIRY PRODUCTS

United States' butter production was 115 million pounds, 21.8 percent above July 2006 and 5.2 percent above June 2007. Total cheese output (excluding cottage cheese) was 795 million pounds, 2.6 percent above July 2006 and 0.6 percent above June 2007. Italian type cheese production totaled 335 million pounds, 4.6 percent above July 2006 but 0.6 percent below June 2007. American type cheese production totaled 322 million pounds, 1.6 percent below July 2006 but 2.1 percent above June 2007. Frozen products: (comparisons with July 2006): Ice cream, Regular (hard) --- 86.2 million gallons, down 2.7 percent. Ice cream, Lowfat (total) --- 40.0 million gallons, up 5.8 percent. Sherbet (hard) --- 5.27 million gallons, up 7.8 percent. Frozen Yogurt (total) --- 5.75 million gallons, down 9.8 percent.

PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Jul 2006	Jun 2007	Jul 2007
000 Lbs.			
PENNSYLVANIA			
Butter	4,926	5,174	4,353
Ice Cream	3,778	3,420	3,301
UNITED STATES			
Butter	94,729	109,719	115,397
Cheese:			
American Types	327,511	315,701	322,426
Swiss	25,854	26,227	25,411
Brick and Muenster	8,676	8,994	9,800
Cream and Neufchatel	55,163	62,594	63,301
Mozzarella	255,341	273,297	269,913
Other Italian	65,245	64,011	65,266
Total Italian Types	320,586	337,308	335,179
All Other	22,866	24,147	23,236
Total	775,398	790,252	795,387
NF Dry Milk, Human	88,594	119,333	121,146
Yogurt, Plain & Flavored	266,544	284,764	288,479
000 Gal.			
FROZEN PRODUCTS:			
Ice Cream, Hard	88,628	89,369	86,206
Ice Cream, Lowfat	37,770	43,605	39,976
Ice Cream, Nonfat	1,379	1,320	1,419
Sherbet, Hard	4,886	5,897	5,267
Frozen Yogurt, Total	6,368	7,098	5,747
FOR PRODUCTS:			
Ice Cream Mix	50,272	50,053	48,762
Ice Cream Mix, Lowfat	22,266	25,032	23,039
Ice Cream Mix, Nonfat	853	791	815
Sherbet Mix	3,554	3,811	3,348
Yogurt Mix	3,962	4,302	3,483

MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		Aug 2006	Jul 2007	Aug 2007	Aug 2006	Jul 2007	Aug 2007
Milk Cows	Thous.	554	550	551	8,255	8,316	8,327
Milk Per Cow	Lbs.	1,580	1,610	1,620	1,676	1,743	1,721
Milk Production	Mil. Lbs.	875	886	893	13,838	14,493	14,332

CROP PROSPECTS – SEPTEMBER 1, 2007 WITH COMPARISONS

Crop	Year	Pennsylvania				United States				Unit
		Acreage (000)		Production		Acreage (000)		Production		
		Planted	Harvested	Per Acre	(000)	Planted	Harvested	Per Acre	(000)	
Corn	2006	1,350	960 ¹	122.0	117,120	78,327	70,648 ¹	149.1	10,534,868	Bu.
	2007	1,450	1,000 ¹	110.0	110,000	92,888	85,418 ¹	155.8	13,307,999	Bu.
Wheat, Winter	2006	160	150	59.0	8,850	40,575	31,117	41.7	1,298,081	Bu.
	2007	170	155	58.0	8,990	45,136	37,188	41.3	1,537,262	Bu.
Oats	2006	135	110	64.0	7,040	4,168	1,576	59.5	93,764	Bu.
	2007	120	90	55.0	4,950	3,860	1,612	61.0	98,341	Bu.
Barley	2006	55	46	81.0	3,726	3,452	2,951	61.0	180,051	Bu.
	2007	60	45	78.0	3,510	4,044	3,542	63.1	223,478	Bu.
Soybeans	2006	430	425	40.0	17,000	75,522	74,602	42.7	3,188,247	Bu.
	2007	440	435	39.0	16,965	64,081	63,265	41.4	2,618,796	Bu.
Hay, Dry Alfalfa	2006	-	500	3.00	1,500	-	21,384	3.35	71,666	Ton
	2007	-	550	2.40	1,320	-	21,451	3.26	69,904	Ton
Hay, Dry Other	2006	-	1,250	2.90	3,625	-	39,423	1.78	70,000	Ton
	2007	-	1,150	1.80	2,070	-	40,338	1.87	75,347	Ton
Tobacco, All	2006	-	7.9	2,056	16,240	-	338.9	2,144	726,644	Lbs.
	2007	-	7.9	2,166	17,110	-	355.1	2,023	718,375	Lbs.
Potatoes, Fall	2006	11.0	10.5	260	2,730	993.7	983.0	406	398,921	Cwt
	2007	10.5	10.0	²	²	1,009.2	996.2	²	²	Cwt

¹ Harvested for grain, remainder of planted acres for silage and other uses. ² Not available until November.

CROP FORECASTS

Based on crop conditions as of September 1, estimates of Pennsylvania's 2007 production of Maryland-type tobacco and Pennsylvania seedleaf tobacco are expected to be above last year, while production of corn for grain, soybeans, and Burley tobacco is expected to be lower than a year ago.

The corn for grain yield is estimated at 110 bushels per acre, unchanged from the August 1 forecast, but down 12 bushels from last year's average yield of 122 bushels per acre. With acreage for harvest currently estimated at 1,000,000, the resulting production is expected to be 110.0 million bushels, down 6 percent from a year ago. The soybean yield is estimated at 39 bushels per acre, unchanged from the August 1 forecast, but down 1 bushel from last year's yield of 40 bushels per acre. With acreage for harvest currently estimated at 435,000, the resulting production is expected to be 16.97 million bushels, down just slightly from last year.

The Maryland-type tobacco yield was estimated at 2,100 pounds per acre, 200 pounds per acre more than a year ago. With acreage for harvest estimated at 1,100, the resulting production of 2.3 million pounds will be 10 percent above last year. The Pennsylvania seedleaf tobacco yield was estimated at 2,250 pounds per acre, up 250 pounds per acre from last year. With acreage for harvest estimated at 1,800 acres, the resulting production of 4.05 million pounds would be 56 percent above last year. The burley tobacco yield is estimated at 2,150 pounds per acre. With acres for harvest estimated at 5,000, the resulting production would be 10.75 million pounds which is a 7 percent decrease from the previous year.

Corn production in the United States is forecast at 13.3 billion bushels, up 2 percent from last month, and 26 percent above 2006. Based on conditions as of September 1, yields are expected to average 155.8 bushels per acre, up 3.0 bushels from August, and 6.7 bushels above last year. If realized, this would be the second highest yield on record, behind the 160.4 bushel yield in 2004. Production would be the largest on record as growers expect to harvest the most corn acres for grain since 1933. Expected yields are higher than last month across the northern and central Great Plains and Corn Belt where heavy rainfall during the month provided much-needed moisture for the crop. Yield forecasts in the southern Great Plains and Delta are also higher than last month as early harvest results are better than anticipated. Yields are unchanged or lower than August across much of the Northeast and Mid-Atlantic states.

Soybean production is forecast at 2.62 billion bushels, down slightly from the August forecast and down 18 percent from last year's record high. Based on September 1 conditions, yields are expected to average 41.4 bushels per acre, down 0.1 bushel from last month and down 1.3 bushels from last year. Compared with last month, yields are forecast lower across the central Corn Belt, the Tennessee Valley, and the Southeast. Hot, dry conditions contributed to most of the decline, especially in Kentucky and Tennessee, down 8 bushels and 9 bushels from last month, respectively. However, yields increased from the August 1 forecast in the northern Great Plains and northwestern Corn Belt, as beneficial rains fell during the month of August.

Tobacco production is forecast at 718 million pounds, 7 percent below the August 1 forecast and down 1 percent from 2006. Area for harvest is forecast at 355,070 acres, virtually unchanged from the previous forecast, but 5 percent above last year. Yields for 2007 are expected to average 2,023 pounds per acre, 166 pounds lower than the August forecast, and 121 pounds below a year ago.

CORN FOR GRAIN YIELDS 2006-2007, SELECTED STATES

State	2006	2007 ¹
Delaware	145.0	80.0
Illinois	163.0	180.0
Indiana	157.0	160.0
Iowa	166.0	182.0
Kansas	115.0	135.0
Maryland	142.0	85.0
Michigan	147.0	113.0
Minnesota	161.0	158.0
Missouri	138.0	140.0
Nebraska	152.0	174.0
New Jersey	129.0	105.0
Ohio	159.0	150.0
Pennsylvania	122.0	110.0
Virginia	120.0	80.0
Wisconsin	143.0	148.0
United States	149.1	155.8

¹ Forecast September 1, 2007.

Pennsylvania: Number of Milk Cows, Production and Value of Production, 2006 ¹

County & District	Number of Milk Cows		Production ²		Value of Production ³
	Jan. 1, 2007 Inventory	2006 Average	Per Cow	Total	
	<i>Number</i>		<i>Pounds</i>	<i>1,000 Lbs.</i>	
				<i>1,000 Dols.</i>	
Adams	7,200	7,200	22,600	162,720	23,639,961
Armstrong	3,300	3,400	17,800	60,520	8,792,345
Beaver	2,000	2,000	18,200	36,400	5,288,192
Bedford	15,200	15,200	17,600	267,520	38,865,305
Berks	20,800	21,100	19,300	407,230	59,162,374
Blair	16,400	16,600	18,900	313,740	45,580,147
Bradford	24,000	24,100	19,215	463,090	67,277,715
Bucks	2,200	2,300	16,700	38,410	5,580,204
Butler	3,600	3,800	18,600	70,680	10,268,390
Cambria	2,400	2,400	16,700	40,080	5,822,822
Centre	12,300	12,300	17,800	218,940	31,807,603
Chester	17,600	17,900	22,500	402,750	58,511,520
Clarion	4,000	4,100	17,900	73,390	10,662,099
Clearfield	1,900	1,900	16,000	30,400	4,416,512
Clinton	5,800	5,900	18,400	108,560	15,771,596
Columbia	3,500	3,500	18,700	65,450	9,508,576
Crawford	12,900	13,000	18,315	238,100	34,591,168
Cumberland	16,500	16,500	20,200	333,300	48,421,824
Dauphin	6,000	6,100	19,900	121,390	17,635,539
Erie	7,300	7,400	17,200	127,280	18,491,238
Fayette	3,800	3,900	16,600	64,740	9,405,427
Franklin	43,900	43,900	19,744	866,740	125,916,244
Fulton	5,900	5,900	17,400	102,660	14,914,444
Huntingdon	12,400	12,300	19,300	237,390	34,488,019
Indiana	6,800	6,800	19,013	129,290	18,783,251
Jefferson	2,400	2,400	16,800	40,320	5,857,689
Juniata	7,400	7,400	18,300	135,420	19,673,817
Lackawanna	1,100	1,100	16,500	18,150	2,636,832
Lancaster	100,500	99,700	21,280	2,121,640	308,231,859
Lawrence	5,400	5,500	18,000	99,000	14,382,720
Lebanon	20,000	20,900	23,300	486,970	70,747,001
Lehigh	1,300	1,200	19,042	22,850	3,319,648
Luzerne	1,400	1,400	16,700	23,380	3,396,646
Lycoming	6,700	6,800	17,800	121,040	17,584,691
McKean	1,300	1,400	19,100	26,740	3,884,787
Mercer	9,500	9,700	17,000	164,900	23,956,672
Mifflin	12,800	12,800	19,486	249,420	36,235,737
Montgomery	1,800	2,000	17,600	35,200	5,113,856
Montour	1,900	2,100	19,600	41,160	5,979,724
Northampton	2,400	2,500	17,700	44,250	6,428,640
Northumberland	4,500	4,500	17,900	80,550	11,702,304
Perry	7,700	7,700	21,700	167,090	24,274,835
Potter	4,800	4,800	19,800	95,040	13,807,411
Schuylkill	2,800	2,800	16,900	47,320	6,874,649
Snyder	8,100	8,200	17,100	140,220	20,371,161
Somerset	18,000	18,200	17,287	314,630	45,709,446
Sullivan	2,100	2,100	18,500	38,850	5,644,128
Susquehanna	10,500	10,600	17,519	185,700	26,978,496
Tioga	11,700	11,800	18,400	217,120	31,543,193
Union	8,700	8,700	18,500	160,950	23,382,816
Warren	4,600	4,700	16,400	77,080	11,198,182
Washington	3,700	3,800	16,100	61,180	8,888,230
Wayne	6,400	6,500	17,100	111,150	16,147,872
Westmoreland	6,000	6,100	17,500	106,750	15,508,640
Wyoming	3,500	3,800	19,000	72,200	10,489,216
York	9,300	9,300	20,200	187,860	27,292,300
Northwestern, Other Counties	1,700	1,700	16,318	27,740	4,030,067
North Central, Other Counties	600	600	17,600	10,560	1,534,156
East Central, Other Counties	600	600	16,833	10,100	1,467,328
Southwestern, Other Counties	1,000	1,000	17,000	17,000	2,469,760
Southeastern, Other Counties	100	100	17,000	1,700	246,976
Northwestern	36,000	36,500	17,400	635,100	92,267,327
North Central	57,000	57,500	18,800	1,081,000	157,047,677
Northeastern	21,500	22,000	17,600	387,200	56,252,416
West Central	27,500	28,000	18,200	509,600	74,034,686
Central	106,000	106,500	18,800	2,002,200	290,879,612
East Central	8,500	8,500	17,400	147,900	21,486,911
Southwestern	32,500	33,000	17,100	564,300	81,981,503
South Central	98,000	98,000	19,600	1,920,800	279,050,078
Southeastern	163,000	164,000	21,304	3,493,900	507,593,790
Pennsylvania	550,000	554,000	19,390	10,742,000	1,560,594,000

¹ Counties not shown separately included in 'Other Counties' for that specific district. The district map and county listing can be found on the inside back cover of this publication. ² Excludes milk sucked by calves. ³ Valued at average returns per 100 pounds of milk combined marketings of milk and cream. Includes value fed to calves.

VEGETABLE PRODUCTION

Contracted production for **Pennsylvania** snap beans in 2007 is estimated at 28,520 tons, compared to 29,170 tons contracted in 2006. Area contracted for harvest is estimated at 9,200 acres, down from 9,700 harvested contract acres in 2006. Expected yield is 3.10 tons per acre, up from last year's yield of 3.01 tons per acre.

Contracted production for Pennsylvania processing sweet corn is no longer published in order to avoid disclosure of individual operations.

United States' contracted snap bean production is forecast at 841,280 tons, is up 10 percent from last year's production. Contracted sweet corn production is forecast at 2.88 million tons, down 7 percent from last year.

PROCESSING VEGETABLES: AREA HARVESTED, YIELD, AND PRODUCTION

Crop	Area Harvested				Yield per Acre			Production			
	2005	2006		2007	2005	2006	2007	2005	2006		2007
	Total	Total	Contract	Contract	Total	Total	Total	Total	Total	Contract	Contract
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Pennsylvania											
Snap Beans	9,500	10,800	9,700	9,200	2.88	3.01	3.10	27,380	32,480	29,170	28,520
Sweet Corn ¹	1,300	1,200	1,200		5.10	6.66		6,630	7,990	7,990	
United States											
Snap Beans	204,620	203,240	197,871	195,530	4.00	3.87	4.30	819,250	785,820	767,187	841,280
Sweet Corn	403,910	384,700	384,700	366,300	7.86	8.02	7.85	3,174,800	3,086,390	3,086,390	2,876,820

¹ 2007 data not published to avoid disclosure of individual operations.



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